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(54) Title: METHOD FOR OPTIMIZING THE POSITIONS OF STANDARDS ON MALDI TARGETS FOR MASS SPECTROMETRY

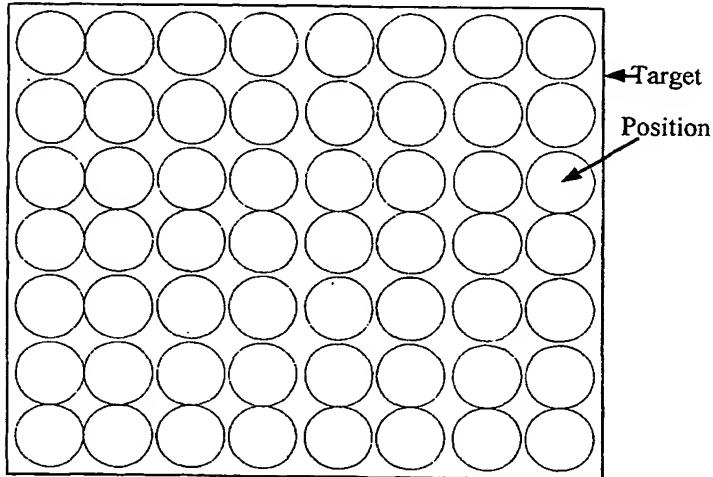


Figure 1: MALDI target.

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(57) Abstract: The invention relates to the field of molecular mass measurement by time-of-flight mass spectrometers where the ionization of analyte substances is produced by matrix-assisted laser absorption (MALDI). Methods for the correction of flight time values based on the use of external standards are provided, and in particular methods for determining, given a MALDI target, the optimal positions of mass calibration standards are described.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International Application No

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A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 287 872 B1 (SCH UUML RENBERG MARTIN ET AL) 11 September 2001 (2001-09-11) claim 1 -----	1,17
A	US 5 886 345 A (HOLLE ARMIN ET AL) 23 March 1999 (1999-03-23) cited in the application claim 1 -----	1,17

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